



ATTORNEY DOCKET NO. 25651705

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): Zhu, L. et al.

Application No.: 09/703,399

Filed: October 31, 2000

Title: ASSEMBLY AND SCREENING OF HIGHLY
COMPLEX AND FULLY HUMAN ANTIBODY
REPERTOIRE IN YEAST

PATENT APPLICATION

Art Unit: 1627

Examiner: Friend,

TECH CENTER 600/2900

AUG 13 2002

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AMENDMENT UNDER 37 C.F.R. §1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Examiner's Office Action mailed June 17, 2002 (Paper No. 6), Applicants submit this Amendment and respectfully request reconsideration of the above-referenced application in view of the following amendments and remarks.

Please amend the application as follows:

In the Claims

Please amend Claim 54 as follows:

54. (Amended) A method for generating a library of yeast expression vectors encoding a library of protein complexes, comprising:

transforming into yeast cells a library of insert nucleotide sequences that are linear and double-stranded, and a library of linearized yeast expression vectors, each having a 5'- and 3'- terminus sequence at the site of linearization; and

having homologous recombination occur between the vector and the insert sequence such that the insert sequence is included in the vector in the transformed yeast cells,

wherein

each of the linearized yeast expression vectors in the vector library comprises a first polynucleotide sequence encoding a first polypeptide subunit which varies within the vector library and has a diversity of at least 1×10^3 ;